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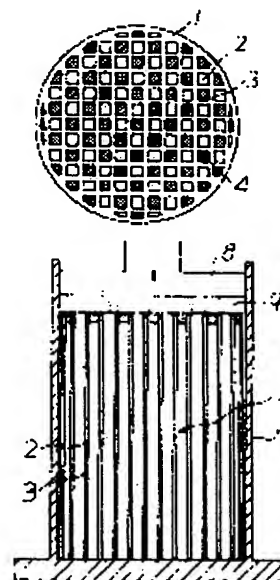
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(54) PREPARATION OF CERAMIC HONEYCOMB FILTER

(57)Abstract:

PURPOSE: To obtain a compact filter with reduced pressure loss used in purifying an exhaust gas of a vehicle having a structure wherein a film is adhered to an opening end surface of a ceramic structure and holes are provided to a predetermined part thereof and a sealing material is introduced from said holes to seal an end part.

CONSTITUTION: A film is adhered to one opening end surface of a ceramic honeycomb structure 1. Subsequently, the film corresponding to an opening part of a piercing pore 2 to be sealed is torn to form a hole. After hole making operation is finished, a sealing material 4 is introduced into the piercing pore 2 from said hole of the film to seal an end part of the predetermined piercing pore 2. As the pore sealing material 9, one having dilatancy property is used and, for example, a cordierite or a murite type sealing material 9 can be used. As a method for introducing the sealing material 9, there is a pressure introducing method by a piston 8 and, when a viscous sealing material is used, a dipping method is applied.



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